

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

AG 1637
JFW

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/783,896	
	Filing Date	February 15, 2001	
	First Named Inventor	Mark I. Greene	
	Art Unit	1637	
	Examiner Name	Joyce Tung	
Total Number of Pages in This Submission		Attorney Docket Number	UPN0015-102

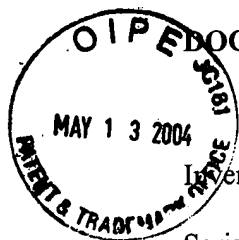
ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Statement Under 37 CFR 3.73(b) with a copy of the Assignment from the Inventors to The Trustees Of The University Of Pennsylvania.		
<table border="1"><tr><td>Remarks</td><td></td></tr></table>			Remarks	
Remarks				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Mark DeLuca, Registration No. 33,229
Signature	
Date	5/10/04

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Mark DeLuca, Registration No. 33,229		
Signature		Date	5/10/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DOCKET NO.: UPN0015-102

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Mark I. Greene and Hongtao Zhang

Serial No.: 09/783,896

Examiner: Joyce Tung

Filing Date: February 15, 2001

Art Unit: 1637

Title: **Method for Immuno-detection of Epitopes on Molecules and for Detection of Interactions of Molecules via Fluorescent Dyes**

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**POWER OF ATTORNEY WITH REVOCATION AND
CHANGE OF CORRESPONDENCE ADDRESS**

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application, and appoint

☒ Practitioners at Customer Number: **34136**

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the Correspondence Address for the above-identified application to:

☒ Practitioners at Customer Number: **34136**

I am the:

☐ Applicant/Inventor.

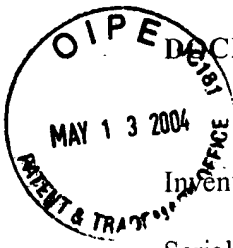
☒ Assignee of record of the entire interest. (A statement under 37 CFR 3.73(b) is enclosed.)

Respectfully submitted,

The Trustees of the University of Pennsylvania

Date: 4/13/04By: Name: TIMOTHY J. RAYNOR

Title: DIRECTOR, INTELLECTUAL PROPERTY
CENTER FOR TECHNOLOGY TRANSFER
UNIVERSITY OF PENNSYLVANIA



DOCKET NO.: UPN0015-102

N/2492 - CIP02
(UPN0015.102)
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Mark I. Greene and Hongtao Zhang

Serial No.: 09/783,896

Examiner: Joyce Tung

Filing Date: February 15, 2001

Art Unit: 1637

Title: Method for Immuno-detection of Epitopes on Molecules and for Detection of Interactions of Molecules via Fluorescent Dyes

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

STATEMENT UNDER 37 CFR 3.73(b)

Applicant, The Trustees of the University of Pennsylvania, a corporation, states that it is:

☒ the assignee of the entire right, title, and interest of the above-identified application.

The extent (by, percentage) of its ownership interest is 100% in the patent application/patent identified above by virtue of either:

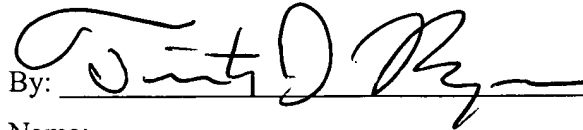
☒ A copy of the assignment from the inventor(s) of the patent application identified above is enclosed herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Respectfully submitted,

The Trustees of the University of Pennsylvania

Date: 2/27/04

By: 

Name: _____

Title: _____

TIMOTHY J. RAYNOR
DIRECTOR, INTELLECTUAL PROPERTY
CENTER FOR TECHNOLOGY TRANSFER
UNIVERSITY OF PENNSYLVANIA

Attorney Docket No.: PENN-0743

A S S I G N M E N T

WHEREAS, we Mark I. Greene and Hongtao Zhang, hereinafter referred to as the assignors, residing respectively at 300 Righters Mill Road, Penn Valley, Pennsylvania 19071 and 377 Poplar Avenue, #N488, Devon, Pennsylvania 19333 are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 09/783,896, filed February 15, 2000, entitled Methods for Immuno-detection of Epitopes on Molecules and for Detection of Interactions of Molecules via Fluorescent Dyes; and

WHEREAS, The Trustees of the University of Pennsylvania, hereinafter referred to as the assignee, of Philadelphia, Pennsylvania, a non-profit corporation of Pennsylvania, U.S.A., is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said

assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Mark I. Greene 2/13/2002 (L.S.)
MARK I. GREENE

Hongtao Zhang 2/13/2002 (L.S.)
HONGTAO ZHANG

[WHERE ALL INVENTORS SIGN BEFORE THE SAME NOTARY:]

STATE OF Pennsylvania ss.

COUNTY OF Philadelphia

On this 13 day of February, 2002, before me personally appeared (NAMES OF INVENTORS) Mark I. Greene and Hongtao Zhang to me personally known, and known to be the persons who executed the foregoing assignment, and who acknowledged to me that the execution of the same was of their own free will and for the use and purposes therein set forth.

[Signature]
Notary Public
(PLEASE SHOW THE DATE OF EXPIRATION OF YOUR COMMISSION)

NOTARIAL SEAL
TERESA M. DUNN, Notary Public
City of Philadelphia, Phila. County
My Commission Expires Aug. 12, 2003